

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	hydroforming and detergent and (friction adj modifier) and "508".clas. and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:24
S3	1	S2 not hydroformylation	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:25
S2	45	hydroform\$ and detergent and (friction adj modifier) and "508".clas. and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:25
S4	10	hydroforming and "508".clas. and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:26
S5	8	hydroforming and (detergent or sulfonate) and "508".clas. and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:28
S7	2	hydroforming and detergent and (friction adj modifier) and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:30
S6	1	("high-pressure forming") and "508".clas. and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:30
S12	25	S11 not us.pc.	FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/18 16:32
S11	39	hydroforming and lubric\$8 @ad< "20050405"	FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/18 16:32
S10	1043	hydroforming and @ad< "20050405"	FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/18 16:32
S9	0	hydroforming and detergent and @ad< "20050405"	FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/18 16:32
S8	0	hydroforming and detergent and (friction adj modifier) and @ad< "20050405"	FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/18 16:32
S14	59	hydroforming and detergent and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:40
S13	36	hydroforming and sulfonate and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:40
S17	6	S16 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:41
S16	140	(hydroforming with (lubric\$8 or oil)) and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:41
S15	2	(hydroforming with lubric\$8) and detergent and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:41
S18	10	S16 and detergent	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:43
S20	3	S19 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:44
S19	382	(hydroforming with fluid) and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:44
S21	50	(canola adj oil) and detergent and (friction adj modifier) and "508".clas. and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:46
S22	881	forming and detergent and (friction adj modifier) and "508".clas. and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:47

S23	63	(forming near process) and detergent and (friction adj modifier) and "508" clas. and @ad<"20050405"	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:48
S24	0	(forming near metalworking) and detergent and (friction adj modifier) and "508" clas. and @ad<"20050405"	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:57
S26	22	(metal adj forming) and detergent and (friction adj modifier) and "508" clas. and @ad<"20050405"	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:58
S25	3	(forming with metalworking) and detergent and (friction adj modifier) and "508".clas. and @ad<"20050405"	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/18 16:58
S27	16	(zinc adj dialkylphosphate)	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/19 09:52
S28	8	(zinc adj dialkylphosphate) and @ad<"20050201"	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/19 09:53
S31	0	jp-200116418-\$ did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 09:55
S30	0	jp-20010016418-\$ did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 09:55
S29	2	jp-2001016418-\$ did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 09:55
S34	123	508/545.ccls. and @ad<"20060404"	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/19 09:59
S35	4	(zinc adj dialkylphosphate) and @ad<"20020805"	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:00
S36	1	"6051539".pn.	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:02
S37	10	(metal adj forming) and detergent and (glycerol adj monooleate) and "508".clas. and @ad<"20050405"	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:05
S39	9	(metal adj forming) and detergent and (dithiocarbamate) and "508".clas. and @ad<"20050405"	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:06
S38	0	(metal adj forming) and detergent and (molybdenum adj dithiocarbamate) and "508" clas. and @ad<"20050405"	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:06
S40	1	(metal adj forming) and detergent and (ethoxylated adj amine) and "508".clas. and @ad<"20050405"	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:08
S41	1	"4612128".pn.	US_PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:09

S43	65	(molybdenum adj dithiocarbamate) with (friction adj modifier) and "508".clas. and @ad< "20050405"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:10
S42	76	(molybdenum adj dithiocarbamate) with (friction adj modifier) and "508".clas. and @ad< "20060404"	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:10
S44	2	S43 and metalworking	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:11
S45	1	"4259254".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:12
S46	1	"4792410".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/19 10:15
S47	2	(\$dithiocarbamate with hydroxalkylamine)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/19 16:02
S49	23	(\$dithiocarbamate adj ester)	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:03
S48	5	(\$dithiocarbamate with hydroxalkylamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:03
S53	2	(\$dithiocarbamate adj ester) and boron	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:04
S52	1	(\$dithiocarbamate adj ester) and boron	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:04
S51	0	(\$dithiocarbamate adj ester) and boric	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:04
S50	2	(\$dithiocarbamate adj ester) and boric	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:04
S56	1	(\$dithiocarbamate adj ester) and borated	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:05
S55	1	(\$dithiocarbamate adj ester) and borated	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:05
S54	1	(\$dithiocarbamate adj ester) and borated	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:05
S57	9	hydroxalkylamine with (acrylate or maleate)	EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:06
S58	1	"5126063".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/19 16:07
S59	4	(\$hydroxalkyl)dithiocarbamate adj ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:12

S60	2	"5370806".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:13
S61	2	"5698498".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:14
S63	2	(hydroxyalkylamine or diethanolamine or triethanolamine or alkanolamine) with "cs. sub.2" with (acrylate or maleate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:16
S62	24	(hydroxyalkylamine or diethanolamine or triethanolamine or alkanolamine) with "cs. sub.2"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:16
S65	13	(hydroxyalkylamine or diethanolamine or triethanolamine or alkanolamine) with (carbon adj) disulfide with (acrylate or \$maleate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:17
S64	2	(hydroxyalkylamine or diethanolamine or triethanolamine or alkanolamine) with "cs. sub.2" with (acrylate or \$maleate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:17
S66	9	(dithiocarbamate adj ester) with hydroxy\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 16:18
S68	40	(borated adj succinimide) with succinimide with mixture and "508".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:35
S67	168	(borated adj succinimide) with succinimide and "508".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:35

S70	15	S68 and @ad<"20030617"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:36
S69	3	S68 and @ad<"20020617"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:36
S73	0	(borated adj succinimide) with unmodified with mixture and "508".clas.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:41
S72	13	S71 and @ad<"20030617"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:41
S71	37	(borated adj succinimide) with "non- borated" with mixture and "508".clas.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:41
S75	1	S74 NOT S72	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:42
S74	14	borated with "non-borated" with succin\$8 with mixture and "508".clas. and @ad<"20030617"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:42
S76	11	(dispersant adj composition) with borated	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:44
S77	29	(dispersant adj mixture) with borated	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:45

S79	1	S78 not S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:48
S78	38	(borated adj succinimide) same "non-borated" with mixture and "508".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:48
S81	3	S80 not S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:49
S80	41	(borated same succinimide) same "non-borated" with mixture and "508".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:49
S83	82	S82 and "508".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:53
S82	565	dithiophosphate.ti.	US-POPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 17:53
S87	1	S84 and S85 and S86	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 18:06
S86	72	508/376.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 18:06
S85	253	508/371.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/19 18:06

S84	430	508/460.ocls.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERVENT; IBM_TDB	AND	ON	2009/03/19 18:06
S89	8	(cyclohexane adj dimethanol) with (cyclohexene adj oxide)	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 12:09
S88	211	(cyclohexane adj dimethanol) and (cyclohexene adj oxide)	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 12:09
S91	1	S90 and "508".clas.	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 12:10
S90	52	cyclohexanol with (cyclohexene adj oxide)	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 12:10
S93	0	trimethylolpropane near (cyclohexene adj oxide)	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 12:11
S92	6	cyclohexanol near (cyclohexene adj oxide)	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 12:11
S94	1	"20010034305".pn.	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 12:16
S96	5	S95 and "508".clas.	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 12:58
S95	82	polyglycol with cyclohexanol	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 12:58
S97	52	(heavy adj alkylbenzene)	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 12:59
S99	1	(polyalkylene adj glycol) with traction	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 13:01
S98	1	polyglycol with traction	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 13:01
S102	9	S101 and "508".clas.	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 13:02
S101	453	(cyclo\$ene adj oxide) with alcohol	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 13:02
S100	6	(cycloA\$ene adj oxide) with alcohol	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 13:02
L1	2	carrithers and goloboy	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 16:27
L4	20	(boron adj trifluoride) with (polyalkylene adj glycol)	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 17:42
L5	198	508/577.ocls.	US_PGPUB; USPAT; USOOR	AND	ON	2009/03/20 18:22

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